

## INTERNATIONAL SEARCH REPORT

10/520953  
PCT/CA 1053

11 JAN 2005

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01N33/20 C21C5/46 B22D2/00 G06T5/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01N C21C B22D G06T

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6 197 086 B1 (SHARAN ALOK ET AL) 6 March 2001 (2001-03-06) column 6 -column 8 column 13, line 54 -column 14, line 66	1-8
Y	BHARATI M H ET AL: "Multivariate Image Analysis for Real-Time Process Monitoring and Control" INDUSTRIAL AND ENGINEERING CHEMISTRY RESEARCH, vol. 37, 1998, pages 4715-4724, XP002262784 page 4718, right-hand column, paragraph 3 -page 4719, left-hand column, paragraph 3.1	1-8

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

27 November 2003

Date of mailing of the international search report

09/12/2003

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# INTERNATIONAL SEARCH REPORT

International Application No

PCT/CA 01053

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	CA 2 359 697 A (DEMYSH LUCAS A) 15 May 2002 (2002-05-15) -& US 6 562 285 B1 (DEMYSH LUCAS A) 13 May 2003 (2003-05-13) the whole document ---	1-8
A	FR 2 710 154 A (ASCOMETAL SA) 24 March 1995 (1995-03-24) the whole document ----	1,7
A	US 4 749 171 A (ARIMA KEIZI ET AL) 7 June 1988 (1988-06-07) the whole document -----	1,7

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Information on patent family members

International Application No

PCT/CA 01/01053

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